

Attorney Docket No. 279101US
Inventor: Ballagny, et al.
Serial No. 10/551,902
Filed: February 28, 2007
Filed with Reply to Office Action dated: July 24, 2009

SUBSTITUTE SPECIFICATION

Clean Copy

ABSTRACT OF THE DISCLOSURE

BRAIDED-WIRE NUCLEAR FUEL AND METHOD FOR PRODUCTION
THEREOF

A high-density fissile material nuclear fuel
5 including a stainless ductile casing and an assembly
formed of a plurality of wires stranded, braided or
weaved together, wherein the assembly is contained
inside the casing and compressed therein by said casing
and wherein more than half of the number of wires is
10 constituted by the fissile material.